

Pesticide Sample Data Summary Package Cover Sheet

Client: Foster Wheeler
Project: Roxanna Marsh
SDG: 920866B

Case Narrative

Client FOSTER WHEELER
Project Name ROXANNA MARSH
Project Number 1980.0208.0100
SDG 920866B
Fraction PEST/PCB

Lab Number	Sample ID	Collect Date	Rec Date	Matrix
920866-023	FW-RM-10-CS-1.7-4.0	3/20/2002	3/22/2002	SOIL
920866-024	FW-RM-10-CS-1.7-4.0MS	3/20/2002	3/22/2002	SOIL
920866-025	FW-RM-10-CS-1.7-4.0MSD	3/20/2002	3/22/2002	SOIL
920866-026	FW-RM-10-CS-0.7-1.7	3/20/2002	3/22/2002	SOIL
920866-028	FW-RM-13-CS-3.1-6.0	3/20/2002	3/22/2002	SOIL
920866-029	FW-RM-13-CS-1.0-3.1	3/20/2002	3/22/2002	SOIL
920866-030	FW-RM-20-CS-2.4-4.2	3/20/2002	3/22/2002	SOIL
920866-032	FW-RM-20-CS-4.2-6.0	3/20/2002	3/22/2002	SOIL
920866-034	FW-RM-15-CS-3.0-4.6	3/20/2002	3/22/2002	SOIL
920866-035	FW-RM-15-CS-1.2-3.0	3/20/2002	3/22/2002	SOIL
920866-037	FW-RM-12-CS-2.3-5.3	3/20/2002	3/22/2002	SOIL
920866-038	FW-RM-12-CS-1.1-1.9	3/20/2002	3/22/2002	SOIL
920866-040	FW-RM-04-CS-2.7-4.8	3/19/2002	3/22/2002	SOIL
920866-041	FW-RM-04-CS-0.5-2.7	3/19/2002	3/22/2002	SOIL
920866-042	FW-RM-05-CS-3.3-5.9	3/20/2002	3/22/2002	SOIL
920866-043	FW-RM-05-CS-0.7-3.3	3/20/2002	3/22/2002	SOIL
920866-045	FW-RM-02-CS-2.7-5.2	3/20/2002	3/22/2002	SOIL
920866-046	FW-RM-02-CS-0.8-2.7	3/20/2002	3/22/2002	SOIL
920866-047	FW-RM-19-CS-2.0-4.0	3/21/2002	3/22/2002	SOIL
920866-049	FW-RM-19-CS-0.7-2.0	3/21/2002	3/22/2002	SOIL
920866-050	FW-RM-18-CS-0.7-2.3	3/21/2002	3/22/2002	SOIL
920866-051	FW-RM-18-CS-2.3-4.3	3/21/2002	3/22/2002	SOIL
920866-070	MB3920866			SOIL
920866-071	MB3920866LCS			SOIL
920866-072	MB3920866LCSD			SOIL

EN CHEM, INC.
CASE NARRATIVE - PESTICIDE ANALYSIS

Lab Report Number (SDG): 920866B

Client: Foster Wheeler

Project Name: Roxanna Marsh

Project Number: 1980.0208.0100

1. RECEIPT

The samples were received on ice.

2. HOLDING TIMES

- A. **Sample Preparation:** All method holding times were met.
- B. **Sample Analysis:** All method holding times were met.

3. METHOD

Preparation: SW-846 3550

Analysis: SW-846 8081A

4. PREPARATION

Sample preparation proceeded normally.

5. ANALYSIS

- A. **Calibration:**
 - 1. **Initial verification:** All method acceptance criteria were met.
 - 2. **Continuing verification:** All method acceptance criteria were met. In the case where a particular compound was not within the 15%D criteria, corrective action was not taken because the average of all compounds was less than 15%.
- B. **Blanks:**
 - 1. **Method:** All in-house acceptance criteria were met.
- C. **Surrogates:** All in-house acceptance criteria were met with the following exceptions. Samples MB3920866LCSD and FW-RM-10-CS-1.7-4.0MSD had surrogate recoveries below acceptance limits. The samples were not re-extracted because the holding time had expired. Samples FW-RM-12-CS-2.3-5.3, FW-RM-19-CS-0.7-2.0, FW-RM-18-CS-0.7-2.3, FW-RM-18-CS-2.3-4.3, and FW-RM-12-CS-1.1-1.9 had DCB recoveries outside control criteria. Please note EnChem standard operating procedure allows one surrogate to be outside acceptance limits without corrective action.
- D. **Spikes:**
 - 1. **Lab Control Spike / Lab Control Spike Duplicate (LCS/LCSD):** All in-house accuracy and criteria were met for MB3920866LCS. MB3920866LCSD had all recoveries and relative percent differences below in-house acceptance criteria. The samples were not re-extracted because the holding time had expired. All associated sample results were flagged with the "&" and "*" data qualifiers.
 - 2. **Matrix Spike / Matrix Spike Duplicate (MS/MSD):** Sample FW-RM-10-CS-1.7-4.0 was designated as the MS/MSD for this SDG. All in-house accuracy criteria were met for the MSD. The MS had all recoveries below in-house acceptance criteria. In-house precision criteria was not met. The parent, MS and MSD results were flagged with the "N" and "*" data qualifiers.
- E. **Samples:** Sample analyses proceeded normally.
- F. **Dilutions:**

<u>Sample ID</u>	<u>Reason for dilution</u>
FW-RM-12-CS-1.1-1.9	Diluted to reduce matrix interference.
FW-RM-05-CS-0.7-3.3	Diluted to reduce matrix interference.
- G. **Reanalysis:** None required for this SDG.
- H. **Comments:** Due to poor resolution between 4,4'-DDE and Endosulfan I on the quantitation column in the laboratory control spike, those compounds are reported from the confirmation column for all samples and quality control samples.

Samples FW-RM-19-CS-0.7-2.0 and FW-RM-18-CS-0.7-2.3 have one or more analyte qualified with an "X" data qualifier. This is to indicate the result is being reported as a non-detect because the relative percent difference between the quantitation and confirmation columns is greater than 100%.

I certify that this data package is in compliance with the terms and conditions agreed to by En Chem, Inc. and by the client, both technically and for completeness, except for the conditions detailed above. The Laboratory Manager or his designee, as verified by the following signature, has authorized release of the data contained in this hard copy data package and in the computer-readable data submitted on diskette:

Signed: Suzanne Korreck Date: 4/25/02
Name: Suzanne Korreck Position: Quality Assurance Auditor

Organic Data Qualifiers

- B Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
- C Elevated detection limit (see Sample Narrative).
- D Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.
- E Analyte concentration exceeds calibration range (see Sample Narrative).
- F Surrogate results outside control criteria.
- H(n) Extraction or analysis performed "n" days past holding time.
- J Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.
- K Detection limit may be elevated due to the presence of an unrequested analyte.
- N Spiked sample recovery not within control limits.
- P The relative percent difference between the two columns for detected concentrations was greater than 40%.
- Q The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
- S The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
- U The analyte was not detected above the reporting limit.
- W Sample received with headspace.
- X See Sample Narrative.
- & Laboratory Control Spike recovery not within control limits.
- * Duplicate analyses not within control limits.
- SUB1 Assay was subcontracted to an approved lab.
- SUB2 Assay was subcontracted to En Chem Green Bay WI Cert. #405132750.

(Please Print Legibly)

Company Name: Fesker WheelerBranch or Location: DenverProject Contact: Chris MssTelephone: 303-980-3519Project Number: 1980-0263-CUProject Name: Exxon MarshProject State: IndianaSampled By (Print): Bob Feldpausch

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CHAIN OF CUSTODY

78324

Page 2 of 2

A=None B=HCl C=H2SO4
H = Sodium Bicarbonate D=HNO3 E=Environ
F=Methanol G=NaOH

FILTERED? (YES/NO)
PRESERVATION (CODE):

LABORATORY ID
(Lab Use Only)

FIELD ID

COLLECTION DATE

TIME

MATRIX

Regulatory Program

US T
RCRA
SDWA
NPLS
CERCLA

Matrix Codes

W=Water
S=Soil
A=Air
C=Chloro
B=Bioa
Sl=Sludge

CLIENT COMMENTS

LAB COMMENTS
(Lab Use Only)

Archive

Rush Turnaround Time Requested (TAT) - Prelim (Rush TAT subject to approval/surcharge)	Relinquished By:	Date/Time:	Received By:	Date/Time:	En Chem Project No.
Date Needed:		3/21/02	7/15 Fed Ex		920866
Transmit Prelim Rush Results by (circle):					
Phone	Fax	E-Mail	Received By:	Date/Time:	Sample Receipt Temp.
Phone #:			3/22/02	1030	3233143 RT
Fax #:			Received By:	Date/Time:	Sample Receipt pH (Metal/Metal)
E-Mail Address:			Received By:	Date/Time:	Cooler Custody Seal
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Date/Time:	Received By:	Date/Time:	Present / Not Present
	Relinquished By:	Date/Time:	Received By:	Date/Time:	Intact / Not Intact

(Please Print Legibly)

Company Name: Foster, Miller

EN

**CHEM
INC.**

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-498-2436
FAX 920-469-8627

525 Science Drive
Madison, WI 53711
608-232-3300
FAX, 608-233-0502

Project Number: 1980-0100

Project Name: *Kirk Miller*Project State: *Wisconsin*

Telephone: 214-319-9300-3517

CHAIN OF CUSTODY

78326

A=None

B=HCl

C=H2SO4

D=HNO3

E=EnCore

F=Methanol

G=NaOH

H = Sodium Bisulfate Solution

I=Dilute

J=Other

FILTERED? (YES/NO)

PRESERVATION (CODE)*

Data Package Options

(please circle if requested)

Results Only

EnChem Level III (Subject to Surcharge)

EnChem Level IV (Subject to Surcharge)

Regulatory Program

UST

ACRA

SDWA

NPDES

CERCLA

COLLECTION

DATE

TIME

MATRIX

Matrix Codes

W=Water

S=Soil

A=Air

C=Charcoal

B=Bioassay

S=Sludge

CLIENT COMMENTS

LAB COMMENTS

(Lab Use Only)

7

Include Lab. Cr.

4

Archive

ANALYSES REQUESTED

TESTS REQUESTED

TEST

(Please Print Legibly)

Company Name: Foster Chem Inc.

Branch or Location: Driver

Project Contact: Sam Mess

Telephone: 312-3 - 980 - 33519

Project Number: 980.000.000

Project Name: ExxonMobil Marath

Project State: Indiana

Sampled By (Print): Bob Feldpausch

EN CHEM INC.

CHAIN OF CUSTODY

78314

A=None B=HCl C=H2SO4
 H=Sodium Bisulfite Solution D=HN03 E=EnCore
 J=Other G=NaOH

FILTERED? (YES/NO) NO

PRESERVATION (CODE): A A A

Data Package Options (please circle if requested) Results Only	Regulatory Program	Matrix Codes W=Water S=Soil A=Air C=Charcoal B=Blood S=Sludge	COLLECTION DATE	TIME	MATRIX	LAB COMMENTS (Lab Use Only)		CLIENT COMMENTS	TOTAL # OF BOTTLES SAMPLED	Mail Invoice To:
						ANALYSES REQUESTED	RECEIVED BY			
020866-033	Fu-0m-15-CS-9-6-7-0	3-26	06:30	5	1	2	1	4 Archive	4	Gary Brown
034	Fu-0m-15-CS-3-0-9-6	3-26	08:30	5	1	2	1	4	4	Gary Brown
035	Fu-0m-15-CS-1-2-3-0	3-26	08:30	5	1	2	1	4	4	Gary Brown
036	Fu-0m-12-CS-5-3-8-15	3-26	08:30	5	1	2	1	4 Archive	4	Gary Brown
037	Fu-0m-12-CS-2-3-5-3	3-26	08:30	5	1	2	1	4	4	Gary Brown
038	Fu-0m-12-CS-6-1-7-9	3-26	08:30	5	1	2	1	4	4	Gary Brown
039	Fu-0m-04-CS-4-8-6-9	3-26	08:30	5	1	2	1	4 Archive	4	Gary Brown
040	Fu-0m-04-CS-2-7-4-8	3-26	08:30	5	1	2	1	4	4	Gary Brown
041	Fu-0m-04-CS-2-5-2-2	3-26	13:00	5	1	2	1	4	4	Gary Brown
042	Fu-0m-05-CS-3-3-5-7	3-26	13:00	5	1	2	1	4	4	Gary Brown
043	Fu-0m-05-CS-0-7-3-3	3-26	13:00	5	1	2	1	4	4	Gary Brown
044	Fu-0m-05-CS-5-7-8-9	3-26	13:00	5	1	2	1	4 Archive	4	Gary Brown
Rush Turnaround Time Requested (TAT) - Prelim (Rush TAT subject to approval/surcharge)		Relinquished By: <u>John</u>		Date/Time: 3-11-01 12:36		Received By: <u>FedEx</u>		Date/Time: 3-12-01 12:36		En Chem Project No. <u>920866</u>
Date Needed:		Relinquished By: <u>FedEx</u>		Date/Time: 3-22-02 16:30		Received By: <u>Ryan Chown</u>		Date/Time: 3-22-02 16:30		Sample Receipt Temp. <u>32.33.43 R01</u>
Transmit Prelim Rush Results by (circle): Phone Fax E-Mail		Relinquished By: <u>FedEx</u>		Date/Time: 3-22-02 16:30		Received By: <u>Ryan Chown</u>		Date/Time: 3-22-02 16:30		Sample Record pH (W/Metals) <u>OK</u>
Phone #: _____		Relinquished By: <u>FedEx</u>		Date/Time: 3-22-02 16:30		Received By: <u>Ryan Chown</u>		Date/Time: 3-22-02 16:30		Cooler Custody Seal <u>Present / Not Present</u>
Fax #: _____		Relinquished By: <u>FedEx</u>		Date/Time: 3-22-02 16:30		Received By: <u>Ryan Chown</u>		Date/Time: 3-22-02 16:30		Intact / Not Intact <u>Present / Not Present</u>
E-Mail Address: _____		Relinquished By: <u>FedEx</u>		Date/Time: 3-22-02 16:30		Received By: <u>Ryan Chown</u>		Date/Time: 3-22-02 16:30		
Samples on HOLD are subject to special pricing and release of liability		Relinquished By: <u>FedEx</u>		Date/Time: 3-22-02 16:30		Received By: <u>Ryan Chown</u>		Date/Time: 3-22-02 16:30		

(Please Print Legibly)
Company Name: Fischer, Wheeler

Branch or Location: Dept 5
Project Contact: Pam Moss

EN CHEM
INC.

Telephone: 313-9180 - 3519

Project Number: 1980 Oct 5, 2001

Project Name: Rock Creek Mats 1

Project State: Indiana

Sampled By (Print): Bob Feldpausch

CHAIN OF CUSTODY

78317

A=None B=HCl C=H2SO4

H = Sodium Bisulfate Solution

D=HN3 E=EcCore

I= Other

F=Methanol G=NaOH

FILTERED? (YES/NO)

PRESERVATION (CODE)*

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

Rush Turnaround Time Requested (TAT) - Prelim

(Rush TAT subject to approval/surcharge)

Date Needed:

Transmit Prelim Rush Results by (circle):

Phone

Fax

E-Mail

Phone #:

Fax #:

E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

*Preservation Codes

D=HN3

E=EcCore

F=Methanol

G=NaOH

H = Sodium Bisulfate Solution

I= Other

J= None

K= HCl

L= Water

M= Soil

N= Air

O= Charcoal

P= Biota

Q= Sludge

R= Sediment

S= Rock

T= Water

U= Sediment

V= Soil

W= Air

X= Charcoal

Y= Biota

Z= Sludge

AA= Sediment

BB= Soil

CC= Water

DD= Air

EE= Charcoal

FF= Biota

GG= Sludge

HH= Sediment

II= Water

JJ= Sediment

KK= Soil

LL= Air

MM= Charcoal

NN= Biota

OO= Sludge

PP= Sediment

QQ= Soil

RR= Water

UU= Air

VV= Charcoal

WW= Biota

XX= Sludge

YY= Sediment

ZZ= Water

AA= Sediment

BB= Soil

CC= Water

DD= Air

EE= Charcoal

FF= Biota

GG= Sludge

LABORATORY ID (Lab Use Only)

FIELD ID

COLLECTION

MATRIX

REGULATORY PLAN

UST

RCRA

SDWA

NPDES

CERCLA

DATE/TIME REQUESTED

10:00 AM

DATE/TIME RECEIVED

12:36 PM

DATE/TIME RELEASED

10:30 AM

Batch No. 920866

En Chem, Inc. Cooler Receipt Log

Project Name or ID Roxanna MarshNo. of Coolers: 7 Temps: 3, 2, 3, 3, 1, 4, 3 °CA. Receipt Phase: Date cooler was opened: 3/12/02By: RJC

- 1: Were samples received on ice? (Must be ≤ 6 C)..... YES NO²
- 2: Was there a Temperature Blank?..... YES NO
- 3: Were custody seals present and intact? (Record on COC)..... YES NO
- 4: Are COC documents present?..... YES NO²
- 5: Does this Project require quick turn around analysis?..... YES NO
- 6: Is there any sub-work?..... YES NO
- 7: Are there any short hold time tests?..... YES NO
- 8: Are any samples nearing expiration of hold-time? (Within 2 days)..... YES¹ NO Contacted by/Who _____
- 9: Do any samples need to be Filtered or Preserved in the lab?..... YES¹ NO Contacted by/Who _____

B. Check-in Phase: Date samples were Checked-in: 3/12/02By: RJC

- 1: Were all sample containers listed on the COC received and intact?..... YES NO² NA broken lids - see NC
RJC
- 2: Sign the COC as received by En Chem. Completed..... YES NO
- 3: Do sample labels match the COC?..... YES NO²
- 4: Check sample pH of preserved samples. (Not VOCs) Completed..... YES NO NA
- 5: Do samples have correct chemical preservation?..... YES NO² NA
- 6: Are dissolved parameters field filtered?..... YES NO² NA
- 7: Are sample volumes adequate for tests requested?..... YES NO²
- 8: Are VOC samples free of bubbles >6mm YES NO² NA
- 9: Enter samples into logbook. Completed..... YES NO
- 10: Place laboratory sample number on all containers and COC. Completed..... YES NO
- 11: Complete Laboratory Tracking Sheet (LTS). Completed..... YES NO NA
- 12: Start Nonconformance form. YES NO NA
- 13: Initiate Subcontracting procedure. Completed..... YES NO NA
- 14: Check laboratory sample number on all containers and COC. YES NO NA

Short Hold-time tests:

48 Hours or less	7 days	Footnotes
Coliform (6 hrs)	Flashpoint	1 Notify proper lab group immediately.
Hexavalent Chromium (24 Hrs)	TSS	2 Complete nonconformance memo.
BOD	Total Solids	
Nitrite or Nitrate	TDS	
Low Level Mercury	Sulfide	
Ortho Phosphorus	Free Liquids	
Turbidity	Total Volatile Solids	
Surfactants	Aqueous Extractable Organics- ALL	
Sulfite	Unpreserved VOC's	
En Core Preservation	Ash	
Color		

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-10-CS-1.7-4.0

Collection Date : 3/20/2002

Lab Sample Number : 920866-023

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 24	24	ug/kg	&*N	4/12/2002	SW846 8081A
4,4'-DDE	< 24	24	ug/kg	&*N	4/12/2002	SW846 8081A
4,4'-DDT	< 24	24	ug/kg	&*N	4/12/2002	SW846 8081A
Aldrin	< 12	12	ug/kg	&*N	4/12/2002	SW846 8081A
alpha-BHC	< 12	12	ug/kg	&*N	4/12/2002	SW846 8081A
alpha-Chlordane	< 120	120	ug/kg	&*N	4/12/2002	SW846 8081A
beta-BHC	< 12	12	ug/kg	&*N	4/12/2002	SW846 8081A
delta-BHC	< 12	12	ug/kg	&*N	4/12/2002	SW846 8081A
Dieldrin	< 24	24	ug/kg	&*N	4/12/2002	SW846 8081A
Endosulfan I	< 12	12	ug/kg	&*N	4/12/2002	SW846 8081A
Endosulfan II	< 24	24	ug/kg	&*N	4/12/2002	SW846 8081A
Endosulfan sulfate	< 24	24	ug/kg	&*N	4/12/2002	SW846 8081A
Endrin	< 24	24	ug/kg	&*N	4/12/2002	SW846 8081A
Endrin ketone	< 24	24	ug/kg	&*N	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 12	12	ug/kg	&*N	4/12/2002	SW846 8081A
gamma-Chlordane	< 120	120	ug/kg	&*N	4/12/2002	SW846 8081A
Heptachlor	< 12	12	ug/kg	&*N	4/12/2002	SW846 8081A
Heptachlor epoxide	< 12	12	ug/kg	&*N	4/12/2002	SW846 8081A
Methoxychlor	< 120	120	ug/kg	&*N	4/12/2002	SW846 8081A
Toxaphene	< 240	240	ug/kg	&*N	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-10-CS-0.7-1.7

Collection Date : 3/20/2002

Lab Sample Number : 920866-026

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 35	35	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 35	35	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 35	35	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 18	18	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 18	18	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 180	180	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 18	18	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 18	18	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 35	35	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 18	18	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 35	35	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 35	35	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 35	35	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 35	35	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 18	18	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 180	180	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 18	18	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 18	18	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 180	180	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 350	350	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-13-CS-3.1-6.0

Collection Date : 3/20/2002

Lab Sample Number : 920866-028

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 140	140	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 140	140	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 140	140	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 270	270	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-13-CS-1.0-3.1

Collection Date : 3/20/2002

Lab Sample Number : 920866-029

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 33	33	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 33	33	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 33	33	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 16	16	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 16	16	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 160	160	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 16	16	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 16	16	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 33	33	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 16	16	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 33	33	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 33	33	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 33	33	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 33	33	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 16	16	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 160	160	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 16	16	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 16	16	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 160	160	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 330	330	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-20-CS-2.4-4.2

Collection Date : 3/20/2002

Lab Sample Number : 920866-030

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 170	170	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 170	170	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 170	170	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 340	340	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-20-CS-4.2-6.0

Collection Date : 3/20/2002

Lab Sample Number : 920866-032

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 290	290	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-15-CS-3.0-4.6

Collection Date : 3/20/2002

Lab Sample Number : 920866-034

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 13	13	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 13	13	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 130	130	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 13	13	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 13	13	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 13	13	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 13	13	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 130	130	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 13	13	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 13	13	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 130	130	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 270	270	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-15-CS-1.2-3.0

Collection Date : 3/20/2002

Lab Sample Number : 920866-035

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 31	31	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 31	31	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 31	31	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 31	31	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 31	31	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 31	31	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 31	31	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 31	31	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 310	310	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-12-CS-2.3-5.3

Collection Date : 3/20/2002

Lab Sample Number : 920866-037

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 30	30	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 30	30	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 30	30	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 30	30	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 30	30	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 30	30	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 30	30	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 30	30	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 300	300	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-12-CS-1.1-1.9

Collection Date : 3/20/2002

Lab Sample Number : 920866-038

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	75	360	ug/kg	J&*	4/17/2002	SW846 8081A
4,4'-DDE	< 360	360	ug/kg	&*	4/17/2002	SW846 8081A
4,4'-DDT	62	360	ug/kg	JP&*	4/17/2002	SW846 8081A
Aldrin	< 180	180	ug/kg	&*	4/17/2002	SW846 8081A
alpha-BHC	< 180	180	ug/kg	&*	4/17/2002	SW846 8081A
alpha-Chlordane	< 1800	1800	ug/kg	&*	4/17/2002	SW846 8081A
beta-BHC	< 180	180	ug/kg	&*	4/17/2002	SW846 8081A
delta-BHC	< 180	180	ug/kg	&*	4/17/2002	SW846 8081A
Dieldrin	< 360	360	ug/kg	&*	4/17/2002	SW846 8081A
Endosulfan I	< 180	180	ug/kg	&*	4/17/2002	SW846 8081A
Endosulfan II	< 360	360	ug/kg	&*	4/17/2002	SW846 8081A
Endosulfan sulfate	24	360	ug/kg	JP&*	4/17/2002	SW846 8081A
Endrin	< 360	360	ug/kg	&*	4/17/2002	SW846 8081A
Endrin ketone	< 360	360	ug/kg	&*	4/17/2002	SW846 8081A
gamma-BHC (Lindane)	< 180	180	ug/kg	&*	4/17/2002	SW846 8081A
gamma-Chlordane	< 1800	1800	ug/kg	&*	4/17/2002	SW846 8081A
Heptachlor	< 180	180	ug/kg	&*	4/17/2002	SW846 8081A
Heptachlor epoxide	< 180	180	ug/kg	&*	4/17/2002	SW846 8081A
Methoxychlor	< 1800	1800	ug/kg	&*	4/17/2002	SW846 8081A
Toxaphene	< 3600	3600	ug/kg	&*	4/17/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-04-CS-2.7-4.8

Collection Date : 3/19/2002

Lab Sample Number : 920866-040

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 11	11	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 11	11	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 110	110	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 11	11	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 11	11	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 11	11	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 11	11	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 110	110	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 11	11	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 11	11	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 110	110	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 220	220	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-04-CS-0.5-2.7

Collection Date : 3/19/2002

Lab Sample Number : 920866-041

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	3.9	29	ug/kg	J&*	4/12/2002	SW846 8081A
4,4'-DDE	2.7	29	ug/kg	JP&*	4/12/2002	SW846 8081A
4,4'-DDT	2.1	29	ug/kg	J&*	4/12/2002	SW846 8081A
Aldrin	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 290	290	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-05-CS-3.3-5.9

Collection Date : 3/20/2002

Lab Sample Number : 920866-042

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 29	29	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 15	15	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 150	150	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 290	290	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-05-CS-0.7-3.3

Collection Date : 3/20/2002

Lab Sample Number : 920866-043

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 1400	1400	ug/kg	&*	4/17/2002	SW846 8081A
4,4'-DDE	< 1400	1400	ug/kg	&*	4/17/2002	SW846 8081A
4,4'-DDT	< 1400	1400	ug/kg	&*	4/17/2002	SW846 8081A
Aldrin	< 720	720	ug/kg	&*	4/17/2002	SW846 8081A
alpha-BHC	< 720	720	ug/kg	&*	4/17/2002	SW846 8081A
alpha-Chlordane	< 7200	7200	ug/kg	&*	4/17/2002	SW846 8081A
beta-BHC	< 720	720	ug/kg	&*	4/17/2002	SW846 8081A
delta-BHC	< 720	720	ug/kg	&*	4/17/2002	SW846 8081A
Dieldrin	< 1400	1400	ug/kg	&*	4/17/2002	SW846 8081A
Endosulfan I	< 720	720	ug/kg	&*	4/17/2002	SW846 8081A
Endosulfan II	< 1400	1400	ug/kg	&*	4/17/2002	SW846 8081A
Endosulfan sulfate	< 1400	1400	ug/kg	&*	4/17/2002	SW846 8081A
Endrin	< 1400	1400	ug/kg	&*	4/17/2002	SW846 8081A
Endrin ketone	< 1400	1400	ug/kg	&*	4/17/2002	SW846 8081A
gamma-BHC (Lindane)	< 720	720	ug/kg	&*	4/17/2002	SW846 8081A
gamma-Chlordane	< 7200	7200	ug/kg	&*	4/17/2002	SW846 8081A
Heptachlor	< 720	720	ug/kg	&*	4/17/2002	SW846 8081A
Heptachlor epoxide	< 720	720	ug/kg	&*	4/17/2002	SW846 8081A
Methoxychlor	< 7200	7200	ug/kg	&*	4/17/2002	SW846 8081A
Toxaphene	< 14000	14000	ug/kg	&*	4/17/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-02-CS-2.7-5.2

Collection Date : 3/20/2002

Lab Sample Number : 920866-045

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 25	25	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 25	25	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 25	25	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 12	12	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 12	12	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 120	120	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 12	12	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 12	12	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 25	25	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 12	12	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 25	25	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 25	25	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 25	25	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 25	25	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 12	12	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 120	120	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 12	12	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 12	12	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 120	120	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 250	250	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-02-CS-0.8-2.7

Collection Date : 3/20/2002

Lab Sample Number : 920866-046

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	2.6	27	ug/kg	J&*	4/12/2002	SW846 8081A
4,4'-DDE	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 140	140	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 27	27	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	1.1	140	ug/kg	JP&*	4/12/2002	SW846 8081A
Heptachlor	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 14	14	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 140	140	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 270	270	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-19-CS-2.0-4.0

Collection Date : 3/21/2002

Lab Sample Number : 920866-047

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 170	170	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 34	34	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 170	170	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 17	17	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 170	170	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 340	340	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-19-CS-0.7-2.0

Collection Date : 3/21/2002

Lab Sample Number : 920866-049

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	7.5	44	ug/kg	JP&*	4/12/2002	SW846 8081A
4,4'-DDE	< 44	44	ug/kg	X&*	4/12/2002	SW846 8081A
4,4'-DDT	21	44	ug/kg	JP&*	4/12/2002	SW846 8081A
Aldrin	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	1.3	22	ug/kg	J&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 220	220	ug/kg	X&*	4/12/2002	SW846 8081A
beta-BHC	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 44	44	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 44	44	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 44	44	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	9.1	44	ug/kg	JP&*	4/12/2002	SW846 8081A
Endrin ketone	12	44	ug/kg	JP&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	12	220	ug/kg	JP&*	4/12/2002	SW846 8081A
Heptachlor	< 22	22	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	3.3	22	ug/kg	JP&*	4/12/2002	SW846 8081A
Methoxychlor	< 220	220	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 440	440	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-18-CS-0.7-2.3

Collection Date : 3/21/2002

Lab Sample Number : 920866-050

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	14	45	ug/kg	JP&*	4/12/2002	SW846 8081A
4,4'-DDE	14	45	ug/kg	J&*	4/12/2002	SW846 8081A
4,4'-DDT	< 45	45	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 23	23	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 23	23	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	36	230	ug/kg	J&*	4/12/2002	SW846 8081A
beta-BHC	< 23	23	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	8.4	23	ug/kg	J&*	4/12/2002	SW846 8081A
Dieldrin	< 45	45	ug/kg	X&*	4/12/2002	SW846 8081A
Endosulfan I	< 23	23	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	45	45	ug/kg	J&*	4/12/2002	SW846 8081A
Endosulfan sulfate	31	45	ug/kg	JP&*	4/12/2002	SW846 8081A
Endrin	< 45	45	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	15	45	ug/kg	J&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 23	23	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	14	230	ug/kg	JP&*	4/12/2002	SW846 8081A
Heptachlor	< 23	23	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 23	23	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 230	230	ug/kg	X&*	4/12/2002	SW846 8081A
Toxaphene	< 450	450	ug/kg	&*	4/12/2002	SW846 8081A

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 4/25/2002

Field ID : FW-RM-18-CS-2.3-4.3

Collection Date : 3/21/2002

Lab Sample Number : 920866-051

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

SPECIAL PESTICIDE LIST

Prep Method: SW846 3550

Prep Date: 4/1/2002

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
4,4'-DDD	< 39	39	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDE	< 39	39	ug/kg	&*	4/12/2002	SW846 8081A
4,4'-DDT	< 39	39	ug/kg	&*	4/12/2002	SW846 8081A
Aldrin	< 20	20	ug/kg	&*	4/12/2002	SW846 8081A
alpha-BHC	< 20	20	ug/kg	&*	4/12/2002	SW846 8081A
alpha-Chlordane	< 200	200	ug/kg	&*	4/12/2002	SW846 8081A
beta-BHC	< 20	20	ug/kg	&*	4/12/2002	SW846 8081A
delta-BHC	< 20	20	ug/kg	&*	4/12/2002	SW846 8081A
Dieldrin	< 39	39	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan I	< 20	20	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan II	< 39	39	ug/kg	&*	4/12/2002	SW846 8081A
Endosulfan sulfate	< 39	39	ug/kg	&*	4/12/2002	SW846 8081A
Endrin	< 39	39	ug/kg	&*	4/12/2002	SW846 8081A
Endrin ketone	< 39	39	ug/kg	&*	4/12/2002	SW846 8081A
gamma-BHC (Lindane)	< 20	20	ug/kg	&*	4/12/2002	SW846 8081A
gamma-Chlordane	< 200	200	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor	< 20	20	ug/kg	&*	4/12/2002	SW846 8081A
Heptachlor epoxide	< 20	20	ug/kg	&*	4/12/2002	SW846 8081A
Methoxychlor	< 200	200	ug/kg	&*	4/12/2002	SW846 8081A
Toxaphene	< 390	390	ug/kg	&*	4/12/2002	SW846 8081A